12-14 Jan 2004

From: Jerry Webster, CACI
To: Systems Team Lead, PM Ammunition
Via: Steve Banks

Subj: TRIP REPORT for the Knowledge Management Portal (KMP)
        requirements and planning discussion.

1. Purpose. Participate in the two year planning and scheduling
of future KMP development. The three day meeting scheduled for
the 13th – 15th of Jan with travel days allowed for the 12th and
14th of Jan.

    Itinerary. Travel to and from San Diego was via commercial air
from the airport in Victoria, British Columbia with stops in
Seattle inbound and outbound. Travel to Fallbrook and back to
San Diego was conducted via rental car.

3. Background. Steve Burrill requested my attendance due to my
recent experience with the KMP project. The discussion and
recommendations are provided after further reviewing the subject
and content of the meeting.

4. Discussion.

Meeting commenced with introductions and brief description of the
purpose of the gathering. The purpose to determine a two year
scheduling of work and prioritize the work to encompass that
which is most useful to the community as a whole. The core of
the scheduling and management of the workflow will be a project
server to be established and maintained by Howard Shank.

MIRR is a new program intended to assist in enhancing the to
inventory accuracy of activities stockpiles. The current process
of compiling potential inventory accuracy errors is conducted by
Fallbrook and spreadsheets sent to activities to act on as they
desire or have the ability to. There is concern that the new
web-enabled process might actually create more work for those
performing the process particularly at the activities. Trapping
and containing anomalies from one month to the next will be
important so as to not send the same potential errors to
activities that have been justified in the past. Charlie Black
needs to act on screen shots to determine if program structure
will suit his needs. Howard Shank will load program on KMP ULAS
server for testing.

NMCI and KMP replication does not seem to be any nearer than it
was a year ago. The fundamental problem lies in the different
implementations of NMCI that the Marine Corps and the Navy are
operating under. As more daily workload application are moved to

the KMP servers it is apparent that access and connection integrity are paramount. The nearer the server to the user the better the connection is, particularly if it can remain inside firewalls. People at Fallbrook would suffer from slow connections if required to perform daily work on the KMP East server. The solution is local work performed on two replicated servers to keep them in sync. Unfortunately implementing the solution is hampered by NMCI rather than facilitated. Possible solutions were to relocate the West server to a Marine Corps Domain or move the KMP East server to the DMZ. The first requires more investigation and the second requires a loss of direct server connection by DBA. Reviewing the prioritization list indicates that Database Replication was not scheduled. This needs to be added to the schedule of work. Initially it should be added as an Options Analysis and Research task. Given the constraints of NMCI and our requirements for server access, what can we do, when, where, and how?

ABMS Revision II has a 30 March release date. Steve Burrill would like for Mike Yeagy to be available for travel to NWS Fallbrook to install and test on the KMP West server. He would further like Mike Yeagy to be available to travel to Quantico to install and test on KMP East server. Steve Burrill inquired as to the possibility of releasing on March 15th. Revision II of AMBS is scheduled to undergo the most extensive testing period of any ABMS release and moving the release date forward two weeks might be difficult to do. Dates and times for release, installation, and testing in production servers of Revision II of AMBS need to be coordinated. **IMPORTANT**: will ABMS Rev II function under the new security structure of the KMP?

The idea behind the initial implementation of the quad charts was that the public charts would be only the approved presidential budget. This would require a yearly transfer of data from the ABMS database to the KMP database to display this information. The ABMS would contain the current working charts with updated budget information. The transfer of data has never been established and problems with when and where to update program specifics data has come to light. I am tasked with investigating solutions to this and providing a solution.

Is the MIPR data in MAARS II up to date? There is a complicated interplay of MIPR related data between the procuring service, Army or Navy, and the buyer USMC compounded by differing information systems. A thorough analysis of this question should be made to provide, via the KMP, the most current and up to date MIPR related data. This would likely involve a good deal of time and travel to Rock Island and Crane. It is likely that Randy

Murdock has the most up to date procurement information on a standalone computer at Rock Island running a DOS based Q&A Database 5.0. It is possible to provide the functionality of tracking this information via a web interface on the KMP. This would have the added benefit of making the information readily available to the Program Manager for Ammunition.

Discussion on using and complying with the DoD Data model. Designing with the DoD data model is hampered by the poor quality of the DoD model site. Finding a data type and naming convention for a field you intend to use is difficult at best. Steve Burrill wanted to give it a second chance and would investigate himself.

The problem of obtaining and displaying Crane 403 source data specifically the Maintenance, Packaging, and Cataloging data was discussed. Once again the issue of Replication was thought to be solved by the Marine Corps going under the NMCI umbrella. This would allow the replication of KMP East, KMP West, and the Marine Corps Ammunition Maintenance System (MCAMS) at Crane. It is important that the maintenance data transfers be resumed under the previous arrangements until a more permanent solution is at hand via replication. Need to establish a fixed POC at Crane, identify data format and transfer method, establish and maintain schedule.

<u>Recommendations</u>.

1. Appoint an individual or team to thoroughly investigate the options for replication to include relocated servers if required.
2. Involve and Test the MIRR program with high volume activity prior to implementing throughout all activities. Use input to enhance the programs effectiveness.
3. Appoint an individual to lead a team in investigating the best way to keep MIPR related information up to date and available to the PM-Ammo.

Jerry Webster